Ham-Digital Digest   Thu, 11 Nov 93   Volume 93 : Issue 106

Today's Topics:
                            baycom14e
                          broadcasting
                   KISS reset (more questions)
    Unicode Adoption (Re: RTTY v. AMTOR v. PACTOR -- dumb question)

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: Tue, 9 Nov 1993 13:37:25 GMT
From: sdd.hp.com!swrinde!cs.utexas.edu!csc.ti.com!tilde.csc.ti.com!m2.dseg.ti.com!
ernest!cmptrc!mitch@network.ucsd.edu
Subject: baycom14e
To: ham-digital@ucsd.edu

I just recently downloaded a shareware version of Baycom 14e. I plan on
using it with a 1200 baud modem I have at the shack. What I need is advice
on making up a cable to go between the modem and my kenwood th25at handheld.
Can anyone help me?

Thanks!
Mitcheal
KA5SOI
(tech+ upgrading to general as soon as I can get the code behind me!)

Date: 9 Nov 93 00:05:44 GMT

From: organpipe.uug.arizona.edu!news@uunet.uu.net
Subject: broadcasting
To: ham-digital@ucsd.edu

what sort of equiptment do i need in order to broadcast on an AM or FM
frequency.-sorry if this is the wrong BBS.
todd

Date: Tue, 9 Nov 1993 18:35:34 GMT
From: library.ucla.edu!agate!howland.reston.ans.net!pipex!sunic!ericom!
eds.ericsson.se!ecudhm@network.ucsd.edu
Subject: KISS reset (more questions)
To: ham-digital@ucsd.edu

The MFJ 1270 seems to periodically reset itself (actually, it RESTARTs with
default settings for persist, txdelay, etc., but stays in KISS mode).

There has been some discussion in this group about WHY it does it. One story
is that the lithium battery is bad; another story is that the software does
a restart after several (3?) minutes of inactivity.

I wonder what the real reason is?? Does anyone really know? If it is the
battery, then how can it stay in the KISS mode, instead of doing a complete
reset as in the RESET command?

Is it possible to determine the condition of the battery with a volt-
meter?

Anyone have any thoughts on these matters?

Regards,
Don McGee   KF6CJ

Date: 10 Nov 93 21:09:25 GMT
From: ogicse!uwm.edu!vixen.cso.uiuc.edu!newsrelay.iastate.edu!news.iastate.edu!
jvp@network.ucsd.edu
Subject: Unicode Adoption (Re: RTTY v. AMTOR v. PACTOR -- dumb question)
To: ham-digital@ucsd.edu

In <2blop5$fbo@crchh941.bnr.ca> kharker@bnr.ca (Kenneth E. Harker) writes:

>   Well, the big problem with a move to unicode from ascii (as opposed to the
>move to ascii from baudot, et al) is that while baudot and friends were 5

```
>bit encodings, ascii was a 7 bit encoding - not a whole lot bigger.  Well, now we
>have ascii at 7 bits, and the next step is unicode, which is 32 bits.  Over four
                                              ^^^^^^^^^^^^^^^^

  Are you sure about this? I thought it was 16 bits.

>times as much information needs to be trasmitted to put up the same character
now.
>     Which of course makes things slower/less reliable/more complex, etc...
Which
>isn't to say that it's impossible - but it would be a big leap.

  Not necessarily. I'm no unicode expert, but I believe the ascii character
set is a subset of unicode. So when transmitting ascii text, it's unicode
compliant. Some of the 8th bit codes (Ascii beyond 127) define that a second
byte is present to define the character. So only those characters that need
the extra byte will send the extra byte.

  I don't see why any modifications would be needed to today's system to
be able to handle unicode. Just so both sides of the connection are both
speaking it.

+----------------------------------------------------------------+
| Jim Van Peursem - Ph.D. Student - Ham Radio -> KE0PH           |
| Department of Electrical Engineering and Computer Engineering |
| Iowa State University - Ames, IA 50011                        |
| internet - jvp@iastate.edu  -or-  jvp@cpre1.ee.iastate.edu    |
+----------------------------------------------------------------+
--
 Jim Van Peursem - Dept of EE and CprE - Iowa State University
 Ames, IA 50011 - internet: jvp@iastate or tools1.ee.iastate.edu
 Just say no to Clinton's health care plan - we can't afford it

------------------------------

End of Ham-Digital Digest V93 #106
*****************************
*****************************
```